

HURRICANE KATRINA SURGE INUNDATION and ADVISORY BASE FLOOD ELEVATION MAP St. Bernard Parish, Louisiana **FEMA** Map Number: LA-BB36 Date of Event: August 29, 2005 **HOW TO READ THIS MAP OVERVIEW MAP** Date of Map: June 5, 2006 In levee-protected areas, the Advisory Base Flood Elevation (ABFE) to be used for rebuilding at a St. John the particular property is the higher of these two options: Chandeleur Baptist Parish Sound (1) Current, effective Base Flood Elevation (BFE) shown on the community's Flood Insurance Rate Map (2) 3 feet above Highest Existing Adjacent Grade (HEAG) at the building site. The HEAG is defined as St. Bernard the highest natural elevation of the ground surface prior to construction next to the proposed walls of a structure. St. Charles Louisiana Parish Using the best-available data, FEMA has mapped the areas of the Parish where each of these two 0 options should be applied: Parish" Lafourche ■■■ Path of the Eye of Hurricane Katrina - In green-shaded areas, FEMA recommends that the first floor of the building (including Parish basement) be elevated 3 feet above HEAG at the building site. 500 1,000 1,500 2,000 **LEGEND** Outside of green-shaded areas, FEMA recommends that the first floor of the building (including) basement) be elevated at or above the BFE shown on the community's FIRM. FEMA has provided the current BFEs on the map above in yellow and black text (for example, "EL 1.5 ft"). The zone or area Feet State Boundary Vertical Control Point where each BFE applies is outlined in yellow; these zone boundaries are the same as those shown on Levee the FIRM. If the FIRM does not have a BFE for a particular area, no elevation will be listed on the map **Hurricane Katrina Related Data** Parish Boundary above. In those cases, buildings should be elevated to 3 feet above HEAG. Data Sources: Aerial Imagery: Preliminary Indoor High Water Mark^{2,3} Flood Advisory Related Data Anywhere in the Parish, the Community Floodplain Administrator may determine a site-specific ABFE USDA National Agriculture Imagery Program, 2004 Flood Zones and Elevations: rather than rely on the information mapped above. Using detailed topographic data for the site, the Advisory Base Flood Elevation Preliminary Outdoor High Water Mark^{2,3} FEMA Flood Insurance Rate Maps (St. Bernard Parish, 1999) Floodplain Administrator can determine what elevation corresponds with 3 feet above HEAG and (ABFE) Zone, including High Water Marks: compare it to the FIRM BFE. Again, FEMA's guidance is that buildings should be elevated to whichever Flood Zone Type (AE, or VE), FEMA (Identified and surveyed Sept-Dec., 2005) of those two elevations is higher at the site. Preliminary Debris High Water Mark^{2,3} and elevation (in feet)2 Vertical Control Monuments: National Geodetic Survey For more information on how the ABFE guidance was determined for this Parish, please see: Storm Track: 3 feet Above HEAG Criterion Applies Limit of Katrina Surge Inundation³ http://www.fema.gov/pdf/hazard/flood/recoverydata/stbernard_parish04-12-06.pdf. NOAA National Weather Service Notes: MAPS FOR ADVISORY PURPOSES ONLY - NOT FOR INSURANCE RATING PURPOSES Measured in feet relative to the North American Vertical Datum of 1988

Measured in feet relative to the National Geodetic Vertical Datum of 1929 (NGVD29). To convert from NGVD29 to the North American Vertical Datum

Inundation limits estimated from surveyed, surge-only High Water Marks. Local wave effects (wave heights and wave runup) are not included in

of 1988 in St. Bernard Parish, subtract 0.13 feet.

these elevations.

For insurance rating purposes, refer to the currently effective Flood Insurance Rate Map (FIRM), available from your local government

For more information on these advisory maps, please see http://www.fema.gov/hazard/flood/recoverydata/katrina_la_index.shtm

or the FEMA Map Service Center (1-800-358-9616/ http://msc.fema.gov)